M-AUDIO

Session KeyStudio

Quick Start Guide

Introduction

Congratulations on your purchase of the M-Audio Session KeyStudio: a 49-key full-size, velocity sensitive USB keyboard, audio interface, and software package designed for easy integration with your Windows XP or Mac OS X computer. Session KeyStudio is ideal for use with a multitude of music creation applications, including GarageBand and Session. We recommend you spend a few minutes reviewing this Quick Start Guide to ensure proper setup.

Session KeyStudio Features

KeyStudio Keyboard:

- 49-key velocity-sensitive keyboard
- Pitch Bend wheel
- Modulation wheel; MIDI re-assignable
- Volume slider; MIDI re-assignable
- Octave up/down buttons; MIDI re-assignable
- Edit Mode button for advanced functions and programming
- Sustain foot pedal input
- no driver installation needed – simply connect and power on
- bus-powered through USB

Micro USB Audio Interface (PC only):*

- seamless Session compatibility
- low latency performance through ASIO driver architecture
- 1/8" stereo input for instruments, microphones, and line-level devices
- 1/8" stereo output for headphones or powered monitors
- bus-powered through USB

**M-Audio Micro circumvents potential high-latency monitoring issues on Windows PCs. The built-in audio hardware on Apple computers enables low latency monitoring without the need for additional hardware. If you are using a Mac, you should simply use your computer's built-in audio inputs and outputs.*

Session Software (PC only):

- CD-quality multi-track audio and MIDI recording software
- built-in studio quality effects
- built-in virtual synthesizer with hundreds of instrument sounds
- includes over 3.5 GB of content for professional music creation

What's in the Box?

Your M-Audio Session KeyStudio bundle should contain the following items:

- M-Audio KeyStudio USB keyboard
- M-Audio Micro USB audio interface
- M-Audio Session DVD-ROM
- USB cable
- This Quick Start Guide

If any of the above listed items are missing, please contact the retailer where you purchased the product.

About This Guide

This Quick Start Guide covers setup of the KeyStudio USB keyboard for Mac and PC computers, as well as installation of the Session music-creation software and the M-Audio Micro USB audio interface for Windows XP. The Session KeyStudio keyboard contained in this bundle can also be used with third-party music software. Consult your software's documentation for more information on this.

As you become more familiar with KeyStudio, you may wish to take advantage of this product's professional features such as: using your new keyboard with more than one application at the same time (multi-client) or sending advanced MIDI messages using KeyStudio's Edit Mode.

On PC computers, some of these features can only be accessed after downloading and installing optional KeyStudio drivers. The drivers and the complete user guide (covering all advanced features), can be downloaded free from www.m-audio.com.

Minimum System Requirements

Session with Micro

Windows XP

- Windows XP (SP2) or higher *
- 1.6 GHz processor (CPU speed requirement may be higher for laptops)
- 512MB RAM
- 3.5 GB free HD space for complete installation of Session
- DVD drive
- AGP 4X or faster graphics **
- 32MB video RAM
- 1024 x 768 video resolution (1280 x 1024 recommended)
- One native USB port

KeyStudio Keyboard

Windows XP

- Windows XP (SP2) or higher *
- Pentium 3 - 800 MHz or higher
- 256 MB RAM
- DirectX 9.0b or higher
- One native USB port

**Home and Professional Edition only. Windows Media Center Edition is not currently supported.*

***Session does not support video cards based on any of the following chipsets: S3/VIA UniChrome, SiS EL315, Matrox*

KeyStudio Keyboard

Mac OS X

- Macintosh G3 800/G4 733 MHz or higher †
- OS X 10.3.9 with 256 MB RAM
- OS X 10.4.3 or greater with 512 MB RAM
- One native USB port

†G3/G4 accelerator cards are not supported.

Please also check the minimum system requirements for third party software applications that are to be used with your new M-Audio hardware, as they may be greater than the above.

Installation and Setup Overview for Windows XP

It is important that installation and setup take place in the following sequence (all of these steps are explained in detail below):

1. Connect the KeyStudio USB MIDI keyboard to your computer and turn it on.
2. Install the Session music creation software. This software enables support for the M-Audio Micro USB audio interface, and must be installed before the Micro is connected.
3. Connect the M-Audio Micro USB audio interface. This device not only serves as a high performance USB audio interface, but also as the copy protection key for Session. Micro must be connected for Session to launch.

Connecting the KeyStudio Keyboard to your PC

1. Use the provided USB cable to connect KeyStudio to an available USB port on your computer. The USB cable not only powers the keyboard but also transmits MIDI data to your computer.
2. Make sure that the power switch on the back of the keyboard is in the "on" (I) position. KeyStudio is now ready to be used – no additional installation steps are required.

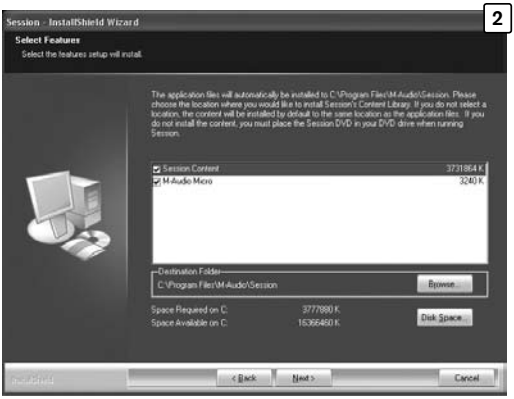
Installing the M-Audio Session Software

PLEASE NOTE: *Do not connect your M-Audio Micro audio interface to your computer until the Session software has been installed. Leave your Micro disconnected until instructed to connect it.*

1. Insert the M-Audio Session DVD-ROM into your computer's DVD-ROM drive.
2. The computer will automatically display the install screen 1. If your computer fails to launch the installer, manually start it by clicking on Start>My Computer>Session.

Session - InstallShield Wizard
1
Welcome to the InstallShield Wizard for Session
The InstallShield Wizard will install Session on your computer. To continue, click Next.
< Back
Next >
Cancel

3. Follow the software installer's on-screen direction prompts.
4. Session comes with a large library of loops and instrument samples for music creation, known as Session Content. During the installation process, you will be asked if you would like to install this content, as well as the driver for the Micro audio interface. Make sure both of these check boxes remain selected. The M-Audio Micro driver and the Session content are required in order to gain access to all of Session's features. [2]
5. At various points in this installation process, you may be notified that the driver being installed has not passed Windows Logo Testing. Click "Continue Anyway" to proceed with the installation. [3]
6. Click "Finish" once the installer has completed the installation.


2
Session - InstallShield Wizard
Select Features
Select the features setup will install.
The application files will automatically be installed to C:\Program Files\M-Audio\Session. Please choose the location where you would like to install Session's Content Library. If you do not select a location, the content will be installed by default to the same location as the application files. If you do not install the content, you must place the Session DVD in your DVD drive when running Session.
Session Content 3731864 K
M-Audio Micro 3240 K
Destination Folder
C:\Program Files\M-Audio\Session
Browse...
Space Required on C: 377780 K
Space Available on C: 15366460 K
Disk Space...
< Back
Next >
Cancel

3
Hardware Installation
The software you are installing for this hardware:
M-Audio Micro
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Setting Up the Micro USB Audio Interface

PLEASE NOTE: *Do not connect your M-Audio Micro USB audio interface to your computer until the appropriate drivers have been installed via the Session software installation. Leave your Micro disconnected until instructed to connect it.*

1. Connect the M-Audio Micro USB Audio Interface to an available USB port on your computer. Your computer will recognize the new hardware and will briefly display a Found New Hardware message [4]. You may be prompted with a Windows Logo testing message. Click Continue Anyway. [3]

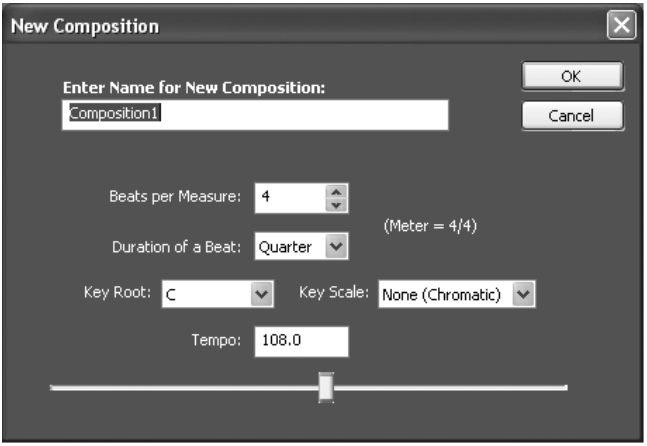
2. Double-click the red M-Audio icon in the system tray to access the Micro control panel. Here you can adjust input gain, monitor mix levels, output volume, and buffer size (latency). The control panel also shows details about the installed driver version. [5]

Getting Started Making Music with Session

1. Double-click the Session shortcut icon that was placed on your desktop during installation. If this icon does not appear, go to Start > All Programs > M-Audio > Session > Session to open the application.

2. Click the button labeled “New” in the Session Startup window.

3. A New Composition dialog box will appear enabling you to choose a Name, Time Signature, Key Root, Key Scale, and Tempo for your composition. After these choices have been made, click OK.

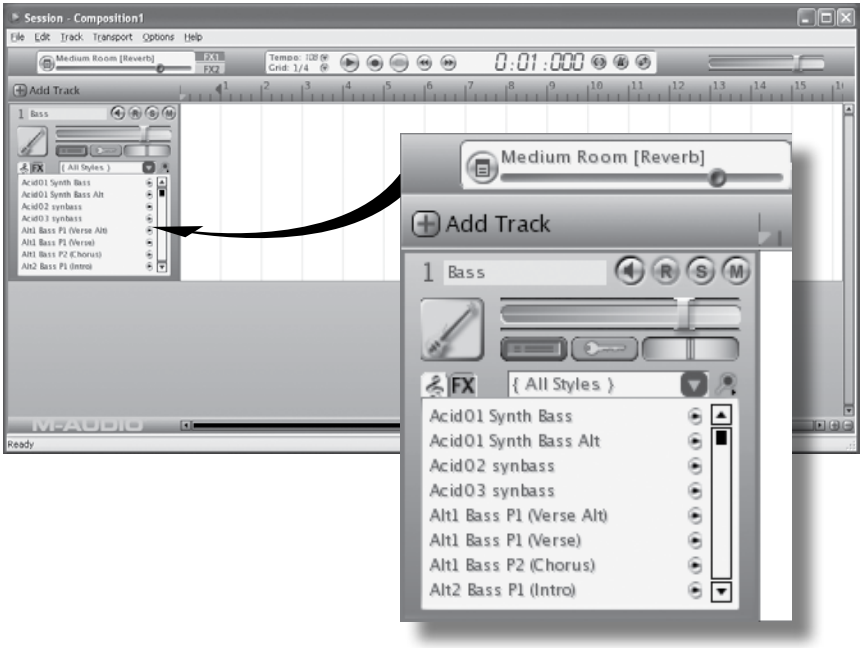


4. The “What would you like to do?” dialog box will now appear. For this example, select Play and Record with Your Keyboard, and click OK.

What would you like to do?
Create Music with Audio Loops
Play and Record Your Guitar
Sing and Record Vocals/Instruments
Record Stereo Line In
Play and Record with Your Keyboard
Create Music with MIDI Loops
OK
Cancel

5. In the “Select Keyboard Sound” dialog box, select the bank of sounds you would like to associate with the first track of your new song, and click OK.

6. The Session window will now appear. You may click the specific instrument you would like to play from the instrument list appearing on the left side of the screen.



7. Go to Options > Audio Hardware and make sure “ASIO: M-Audio USB ASIO” is selected in the Wave Device pull-down menu. Click OK.

8. Go to Options > MIDI Hardware and make sure “USB Audio Device” or “KeyStudio In” is selected in the Input Port box. KeyStudio will appear as “USB Audio Device” (Figure A) if additional drivers have not been installed. After installing optional drivers, KeyStudio will appear as “KeyStudio In” (Figure B).

Figure A: Session’s MIDI Devices dialog window without optional drivers installed.

Figure B: Session’s MIDI Devices dialog window with optional drivers installed.

9. Select the instrument track you wish to play. You should now be able to use your KeyStudio keyboard to play instruments from Session’s vast instrument library.

Enjoy your music making experience with Session.

Mac OS X: Getting Started

Connecting the KeyStudio Keyboard

No additional drivers or hardware* need to be installed to use the KeyStudio USB keyboard on your Macintosh computer. Simply:

1. Close any open applications on your computer.
2. Connect the provided USB cable between the KeyStudio keyboard and your Mac OS X computer.
3. Switch the keyboard on.

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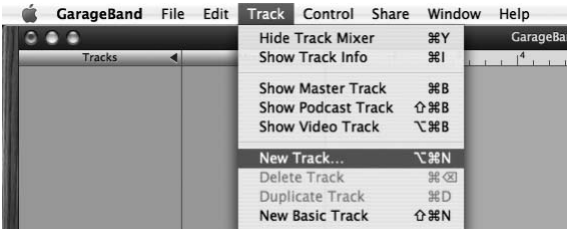
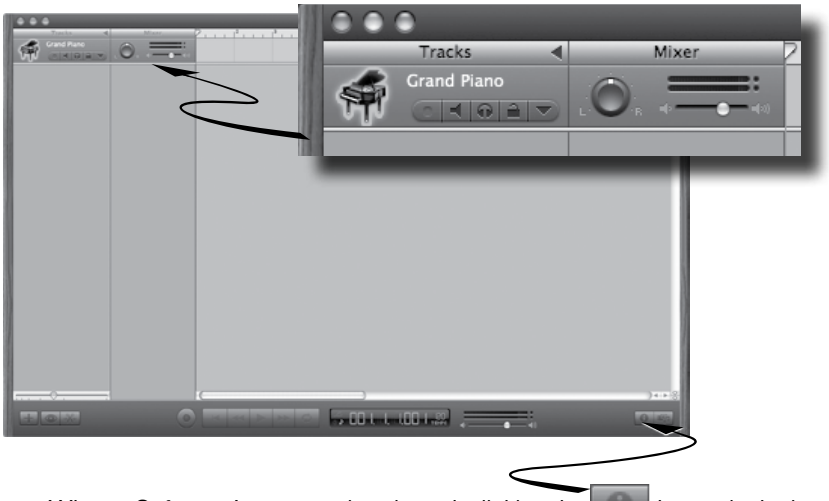
Using KeyStudio with GarageBand

1. Be sure the KeyStudio keyboard is connected to your Mac OS X computer via the provided USB cable (See Connecting the KeyStudio Keyboard.)
2. Launch GarageBand.
3. Create a Software Instrument track by clicking Track > New Track > Software Instrument > Create, or select a pre-existing Software Instrument track.

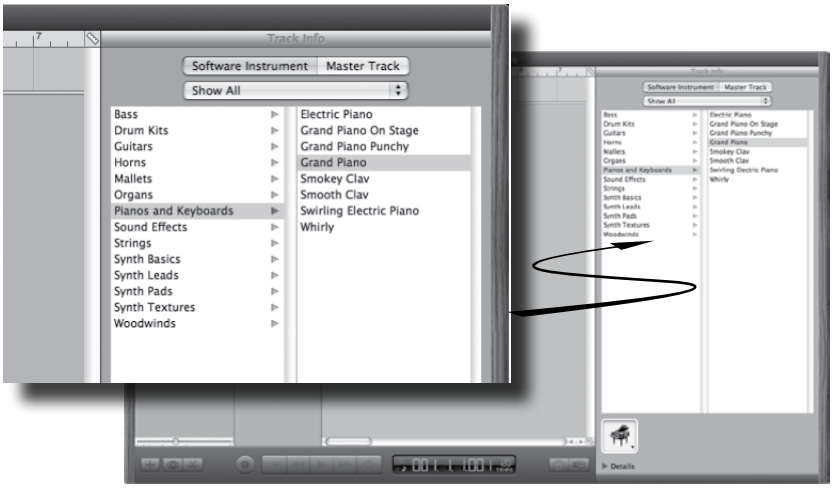


Share Window Help
GarageBand – My Song
New Track
Software Instrument
Instrument sounds created by GarageBand and playable using a USB, MIDI, or onscreen keyboard.
Real Instrument
Audio recordings such as voice, guitar, bass, or any instrument that can be captured by a microphone.
Cancel
Create

The default instrument GarageBand selects is a Grand Piano.



When a Software Instrument is selected, clicking the button in the lower right corner of the GarageBand window will open the Track Info screen.



From this area, you can select which instrument you would like to play.

Provided your computer's speakers are not muted or turned down, you will now hear sounds corresponding to notes you play on KeyStudio.

Additional Information and Support

More information about your new Session software and the M-Audio Micro audio interface can be found in Session's built-in help menu. Remember, the KeyStudio keyboard offers additional professional-level programmability and functionality. Optional drivers for KeyStudio and the full user guide covering all advanced features can be downloaded for free at www.m-audio.com.

Warranty

Warranty Terms

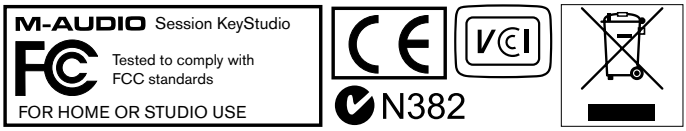
M-Audio warrants products to be free from defects in materials and workmanship, under normal use and provided that the product is owned by the original, registered user. Visit www.m-audio.com/warranty for terms and limitations applying to your specific product.

Warranty Registration

Immediately registering your new M-Audio product entitles you to full warranty coverage and helps M-Audio develop and manufacture the finest quality products available. Register online at www.m-audio.com/register to receive FREE product updates and for the chance to win M-Audio giveaways.

ESD and Fast Transient may cause the unit to temporarily malfunction. Switch off and on again to restore normal operation.

WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer, and birth defects or other reproductive harm. ***Wash hands after handling.***



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